

CLAIMS

What is claimed is:

1. An electric pole saw, comprising:

an electric chain saw having a handle, a main body, a trigger, and a power cord;

5 a pole member having an upper end and a lower end;

a bracket provided near said upper end of said pole member for receiving said handle of said electric chain saw and releasably mounting said chain saw on said pole member adjacent said upper end thereof, comprising two rigid mounting bracket halves, one of which is fastened to said pole member near said upper end of said pole member, said bracket halves having surface
10 features that generally conform to the opening and contour created between said handle and said main body of said chain saw, a trigger depression device operative to support said trigger of said saw in a depressed "on" position and fastening means for releasably securing said bracket halves to said chainsaw handle.

2. The pole saw of Claim 1, wherein said bracket halves each further comprise one
15 or more complementary interlocking features to control twisting or angular movement between said two bracket halves.

3. The pole saw of Claim 1, wherein said trigger depression device is integral to at least one of said mounting bracket halves.

4. The pole saw of Claim 1, wherein said mounting bracket halves are made from
20 molded plastic material.

5. The pole saw of Claim 1, wherein said mounting bracket halves are made from cast metal material.

6. The pole saw of Claim 1, wherein said mounting bracket further comprises single point fastening means for releasably securing said bracket halves to said chain saw on said pole member.

7. The pole saw of Claim 6, wherein said single point fastening means comprises a hand tightenable fastener which requires no external tools to assemble and disassemble.

8. The pole saw of Claim 1, further comprising an electrical extension cord disposed within said pole member having an end extending from said upper end of said pole member releasably connectable to said power cord of said chain saw, and having an opposite end releasably connectable to an electrical power supply, and a remote switch mounted on said pole member operative when depressed to transmit electrical power to said chain saw and operative when released to stop transmission of electrical power to said chain saw.

9. The pole saw of Claim 1, wherein said electric chain saw further comprises a knuckle guard.

10. In an electric pole saw comprising an electric chain saw having a handle, a main body, a trigger, and a power cord and a pole member having an upper end and a lower end, an improved chain saw mounting bracket assembly provided near said upper end of said pole member for receiving said handle of said electric chain saw and releasably mounting said chain saw on said pole member adjacent said upper end thereof, providing control of angular movement or twisting between the bracket halves and angular movement between the chain saw portion and pole member portion, comprising:

two rigid mounting bracket halves, one of which is fastened to said pole member near said upper end of said pole member, said bracket halves having surface features that generally conform to the opening and contour created between said handle and said main body of said

chain saw and one or more complementary interlocking features disposed on the surface of each said bracket half that faces said chain saw when said bracket is assembled, a trigger depression device operative to support said trigger of said saw in a depressed "on" position and fastening means for releasably securing said bracket halves to said chainsaw handle.

5 11. The pole saw of Claim 10, wherein said trigger depression device is integral to at least one of said mounting bracket halves.

 12. The pole saw of Claim 10, wherein said mounting bracket halves are made from molded plastic material.

 13. The pole saw of Claim 10, wherein said mounting bracket halves are made from
10 cast metal material.

 14. The pole saw of Claim 10, wherein said mounting bracket further comprises single point fastening means for releasably securing said bracket halves to said chain saw on said pole member.

 15. The pole saw of Claim 14, wherein said single point fastening means comprises a
15 hand tightenable fastener which requires no external tools to assemble and disassemble.

 16. The pole saw of Claim 10, wherein said electric chain saw further comprises a knuckle guard.